

1000-2510660

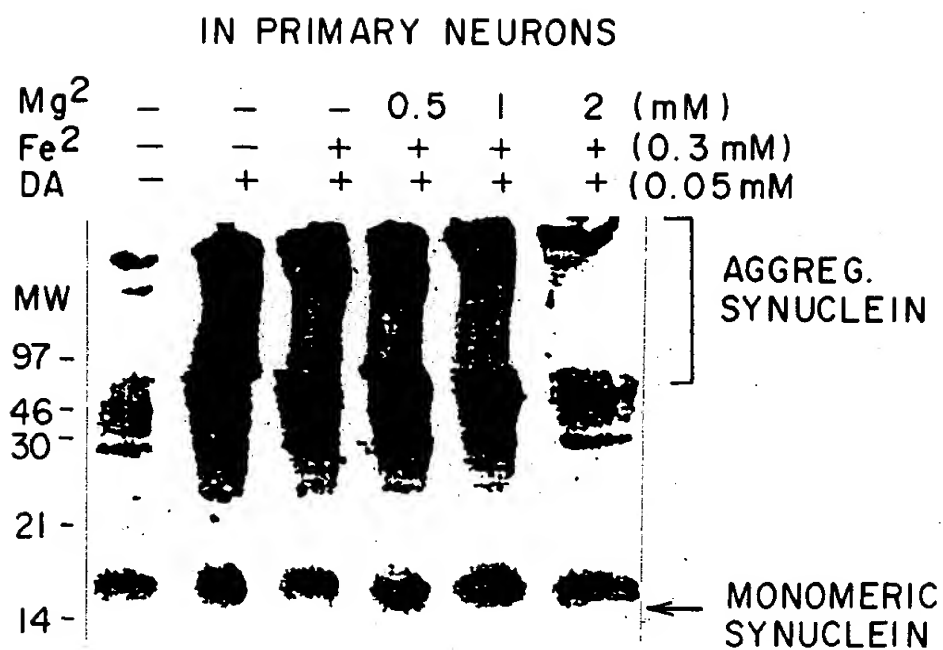


Fig. 3 B

## IN VITRO-RECOMBINANT SYNUCLEIN

|                  |   |   |     |     |   |   |    |   |    |          |
|------------------|---|---|-----|-----|---|---|----|---|----|----------|
| Mg <sup>2+</sup> | - | - | -   | -   | + | + | +  | + | +  | (0.1 mM) |
| Fe <sup>2+</sup> | - | - | 0.1 | 0.3 | 1 | 3 | 10 | 3 | 10 | (mM)     |

AGGREG.  
SYNUCLEIN

← MONOMERIC  
SYNUCLEIN

**Fig. 3A**

Fig. 2A

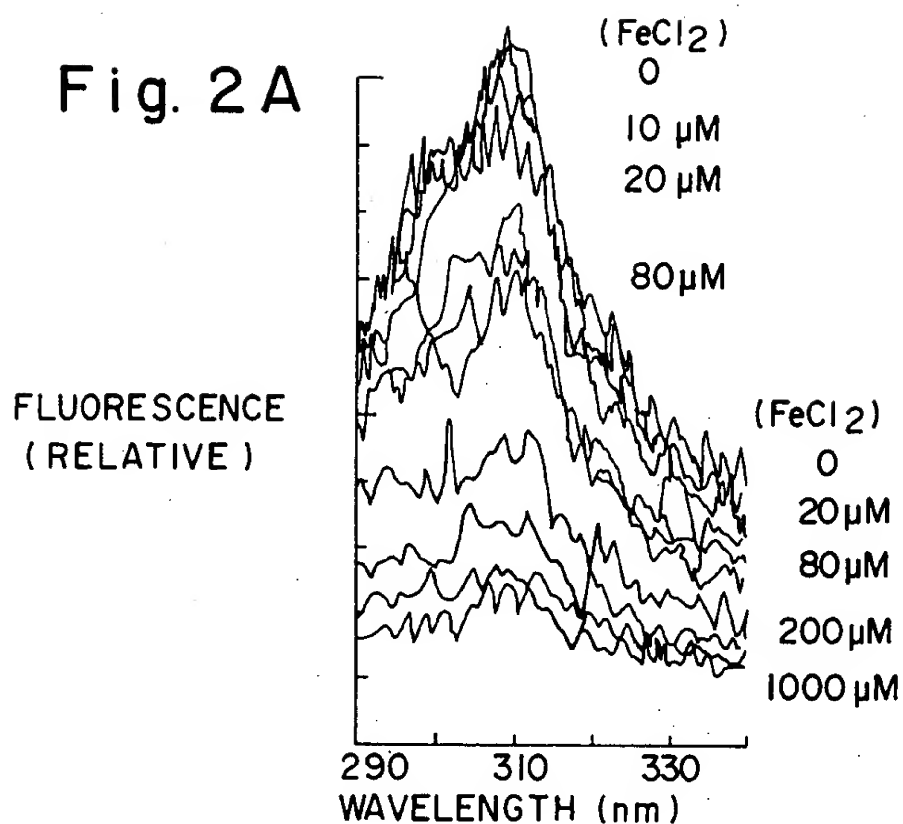


Fig. 2B

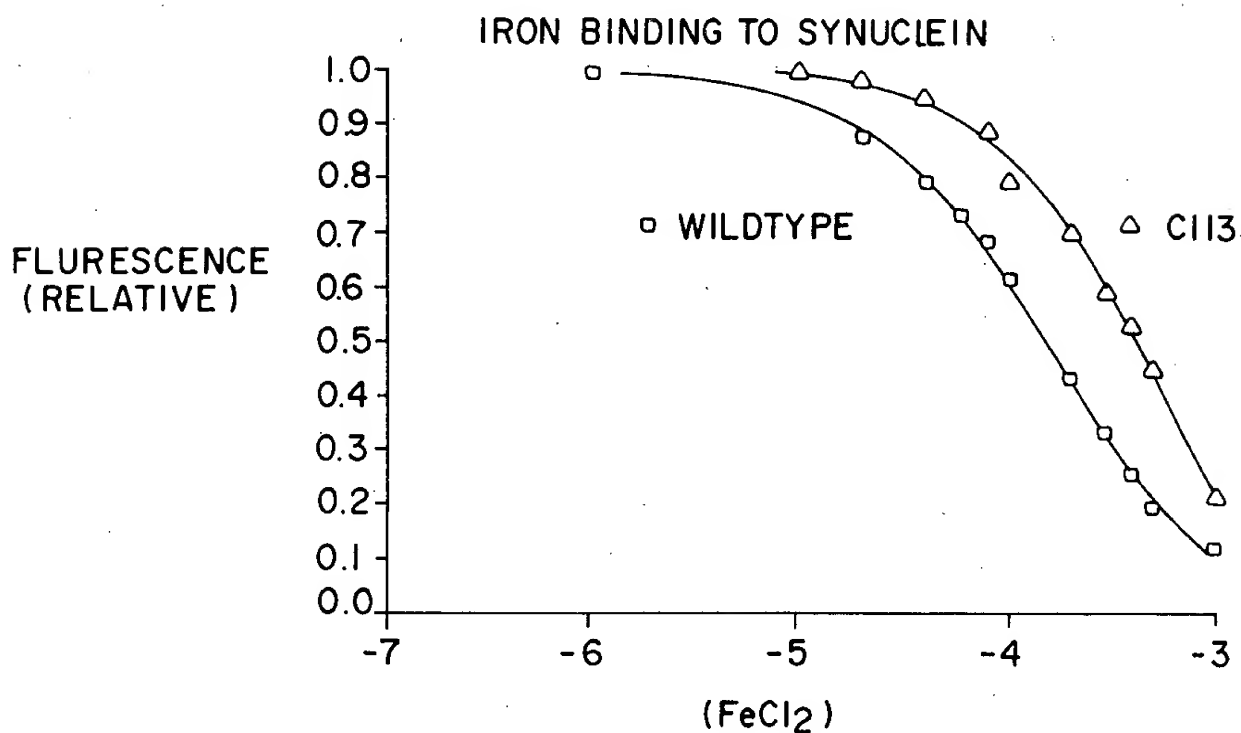


Fig.1A

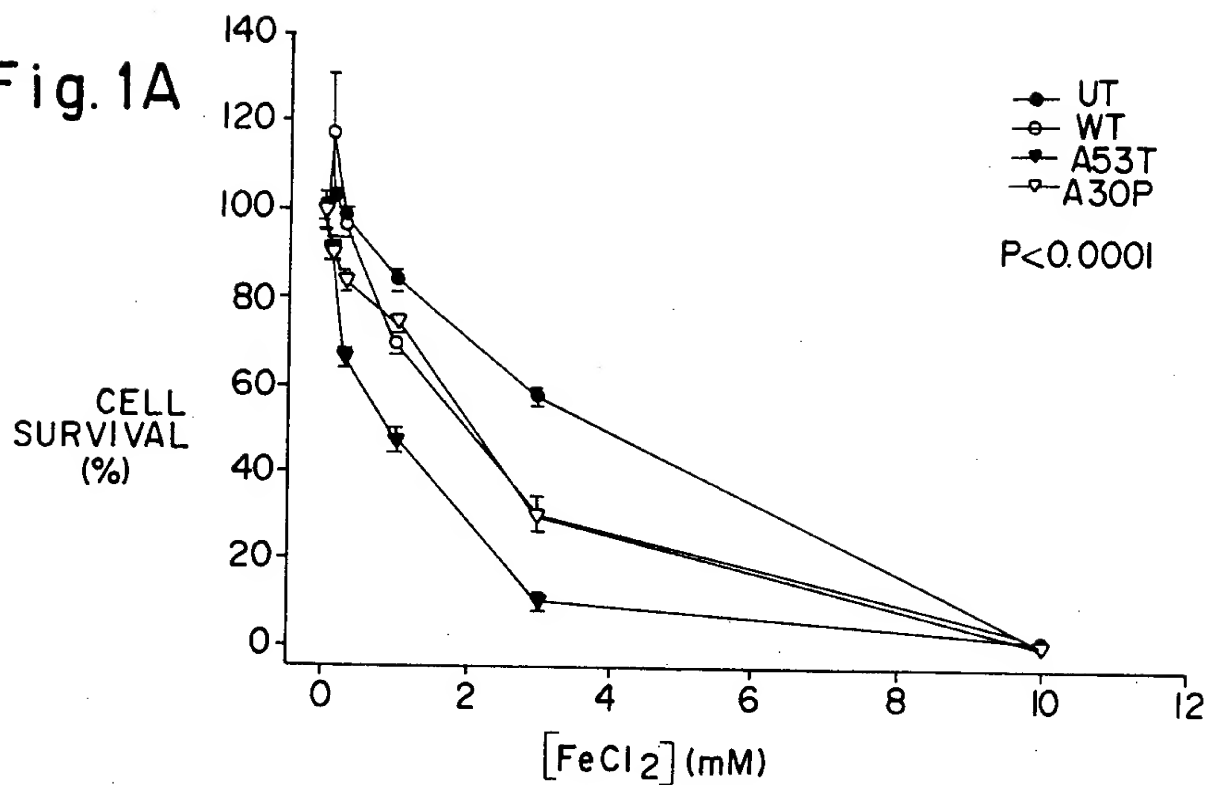
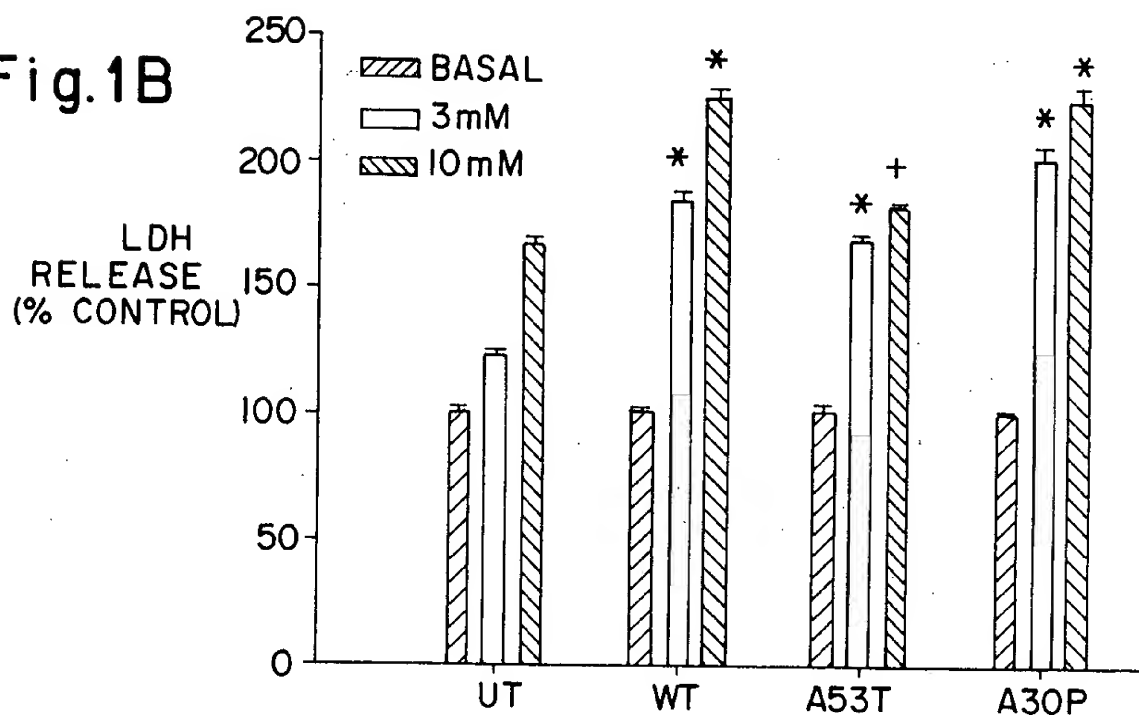


Fig.1B



Bar graph showing Cell Survival (% Control) for four genotypes (UT, WT, A53T, A30P) under three conditions: BASAL, 600  $\mu$ M, and 600  $\mu$ M + 1 mM Fe. The y-axis represents Cell Survival (% Control) from 0 to 120. The x-axis lists the genotypes. Error bars represent standard deviation. Asterisks (\*) indicate significant differences (p < 0.05) compared to the BASAL condition.

| Genotype | BASAL | 600 $\mu$ M | 600 $\mu$ M + 1 mM Fe |
|----------|-------|-------------|-----------------------|
| UT       | 100   | ~35         | ~42                   |
| WT       | 100   | ~60*        | ~21*                  |
| A53T     | 100   | ~60*        | ~15*                  |
| A30P     | 100   | ~58*        | ~10*                  |

**Fig. 1C**

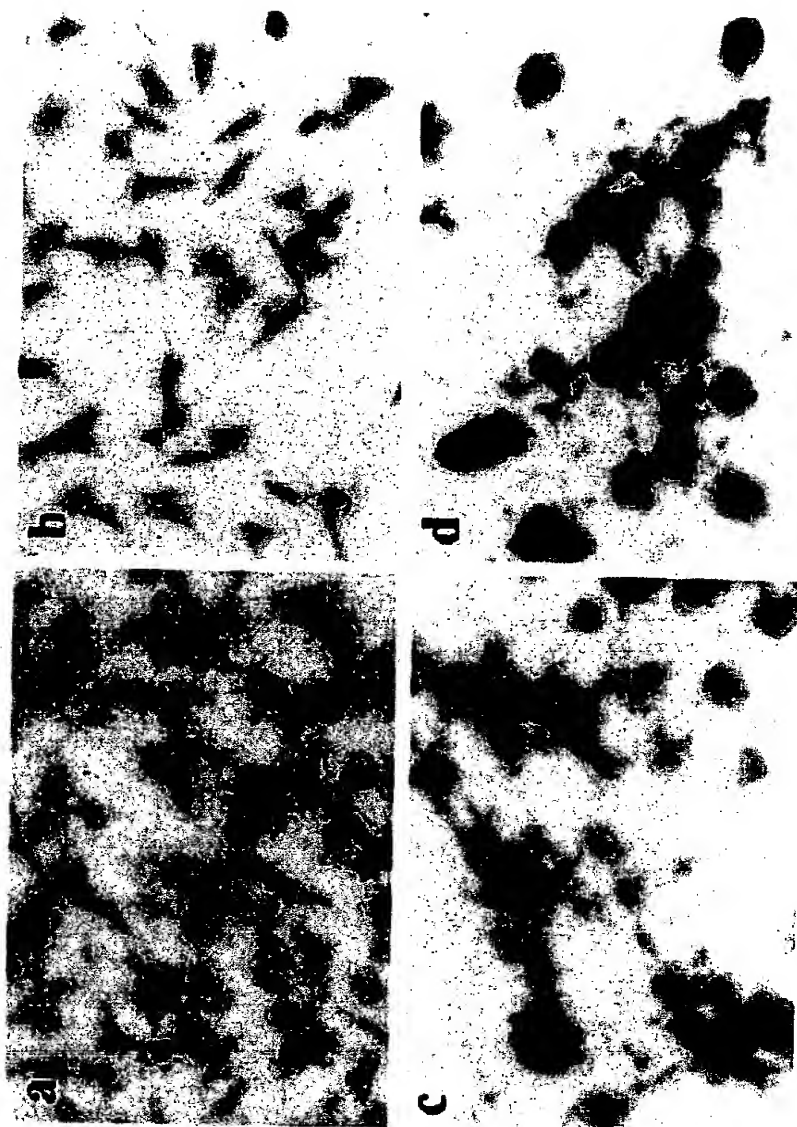


Fig.1D